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APRIL 5.

Rev. HENRY C. McCook, D. D. in the chair.

Forty-four persons present.

Papers under the following titles were presented for publication:—

“The Terrestrial Mollusca inhabiting the Samoa or Navigator Islands.” By Andrew Garrett.

“Notes on Fresh-water Rhizopods of Swatow, China.” By Adele M. Fielde.

Note on the Multiplication of Distoma.—A note was read from Miss ADELE M. FIELDE, dated Swatow, China, Feb., 1887, to the effect that *Distoma* infests a species of snail found in many of the pools and wells near Swatow which is eaten, boiled, by the Chinese, and which is fed raw to ducks and geese. On dissecting, recently, an apparently healthy specimen, having a shell an inch long, she had found its liver almost wholly replaced by a *Redia*, the parent of the *Cercaria*, which being passively transferred to the alimentary canal of a vertebrate, develops into the *Distoma*. The life history of this trematode, as worked out by A. P. Thomas, is given in the *Quarterly Journal of Microscopical Science*, 1883, pp. 99–133, and *Limnæus* is mentioned as its host.

The *Rediæ* seen in the snails were of an orange yellow color and the largest were one-tenth of an inch in length. There were counted two hundred and fifty-three that were large enough to be easily isolated by the use of a needle point under the naked eye; and scores more, of smaller size and paler yellow, were visible under a lens. On opening several of the larger *Rediæ*, whose muscular mouths were active; they were found each to contain from eighteen to twenty-six *Cercariæ*, strong enough to whirl their tails vigorously, beside many embryos less fully developed. The *Cercariæ* moved rapidly over a glass slide by the use of their two suckers; and, merged in water, retained their vitality for thirty hours after being removed from the snail and the *Redia*. The one snail must have been the host of at least ten thousand larval *Distomas*.

APRIL 12.

Mr. CHARLES P. PEROT in the chair.

Thirty-one persons present.

The Placentation of the Two-toed Ant-eater, Cyclosturus didactylus.
—Prof. J. A. RYDER remarked that some months since Mr. J. W.